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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Application No.</b>	09/903,423
				<b>Filing Date</b>	07/10/2001
				<b>First Named Inventor</b>	Lloyd et al.
				<b>Art Unit</b>	2143
				<b>Examiner Name</b>	Wiley
<b>Sheet</b>	1	<b>Of</b>	1	<b>Attorney Docket No.</b>	24717-707

## U.S. PATENT DOCUMENTS

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## **FOREIGN PATENT DOCUMENTS**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

2435756 1.DOC

Attorney Docket No. 24717-707



PTO/SB/08A (10-01)

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				<i>Complete if Known</i>			
				<b>Application No.</b>		09/903,423	
				<b>Filing Date</b>		July 10, 2001	
				<b>First Named Inventor</b>		Lloyd	
				<b>Art Unit</b>		2152-2143	
				<b>Examiner Name</b>		Not Yet Assigned	
<b>Sheet</b>	1	<b>Of</b>	2	<b>Attorney Docket No.</b>		24717-707	

## **U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No. <sup>1</sup>	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
(P)		US-6,282,562 B1	08/28/2001	Sidi, et al.	
(P)		US-5,375,070	12/20/1994	Hershey, et al.	
(P)		US-5,974,457	10/26/1999	Waclawsky, et al.	
(P)		US-2001/0037311 A1	11/01/2001	McCoy, et al.	
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<b>INFORMATION DISCLOSURE CITATION</b>   <b>PTO-1449</b>	ATTY. DOCKET NO.	SERIAL NO.
	24717-707	09/903,423
	APPLICANT Michael Lloyd, et al.	
	FILING DATE 7/10/01	GROUP <u>2152</u> 2143

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>PN</i>	5,884,047	3/16/99	Aikawa, et al.	395	200.68	

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<i>PN</i>	WO 00/38381	6/29/00	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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						<input type="checkbox"/>	<input type="checkbox"/>
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						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>PN</i>	Papadopoulos, Constantinos V., et al., "Protection and Routing Algorithms for Network Management", <i>Microprocessing and Microprogramming</i> , September 1993, Vol. 38, pp. 163-169.

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EXAMINER *PN*DATE CONSIDERED *7/11/04*

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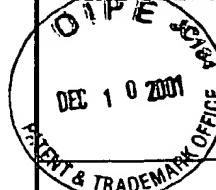
**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



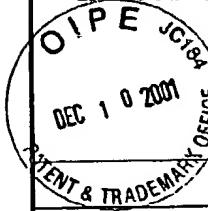
**SHEET 1 OF 1**

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<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b> <small>DEC 10 2001</small>		ATTY. DOCKET NO. 24717-707	SERIAL NO. 09/903,423	<b>RECEIVED</b>		
		APPLICANT Lloyd, M. et al.		<b>DEC 11 2001</b>		
		FILING DATE 07/10/01	GROUP 2100	Group 2100		
<b>U.S. PATENT DOCUMENTS</b> <span style="float: right;">2143</span>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>PN</i>	4,284,852	08/18/1981	Szybicki et al.	179	18 EA	
<i>PN</i>	4,345,116	08/17/1982	Ash et al.	179	18 EA	
	4,495,570	01/22/1985	Kitajima et al.	364	200	
	4,594,704	06/10/1986	Ollivier	370	16	
	4,669,113	05/26/1987	Ash et al.	379	221	
	4,704,724	11/03/1987	Krishnan et al.	379	221	
	4,726,017	02/16/1988	Krum et al.	370	85	
	4,748,658	05/31/1988	Gopal et al.	379	221	
	4,788,721	11/29/1988	Krishnan et al.	379	221	
	4,839,798	06/13/1989	Eguchi et al.	364	200	
<i>PN</i>	4,920,432	04/24/1990	Eggers et al.	360	33.1	
<i>PN</i>	4,931,941	06/05/1990	Krishnan	364	437	
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>PN</i>	0 598 969 B1	02/10/1999	Europe	H04L	12/18	<input type="checkbox"/> <input type="checkbox"/>
	0 977 456 A2	02/02/2000	Europe	H04Q	11/04	<input type="checkbox"/> <input type="checkbox"/>
	0 982 901 A1	03/01/2000	Europe	H04L	12/56	<input type="checkbox"/> <input type="checkbox"/>
	0 999 674 A1	05/10/2000	Europe	H04L	12/64	<input type="checkbox"/> <input type="checkbox"/>
<i>PN</i>	94/08415	04/14/1994	PCT	H04L	12/66	<input type="checkbox"/> <input type="checkbox"/>
<i>PN</i>	99/06913	02/11/1999	PCT	G06F	13/00	<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER	DATE CONSIDERED <i>1/11/04</i>					

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<b>INFORMATION DISCLOSURE CITATION</b> 		ATTY. DOCKET NO.		SERIAL NO.		
		24717-707		09/903,423 <b>RECEIVED</b>		
		APPLICANT Lloyd, M. et al.				
		FILING DATE 07/10/01		GROUP 2143 Group 2100		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PN	4,939,726	07/03/1990	Flammer et al.	370	94.1	
	4,949,187	08/14/1990	Cohen	358	335	
	4,949,248	08/14/1990	Caro	364	200	
	5,172,413	12/15/1992	Bradley et al.	380	20	
	5,253,341	10/12/1993	Rozmanith et al.	395	200	
	5,287,537	02/15/1994	Newmark et al.	395	800	
	5,291,554	03/01/1994	Morales	380	5	
	5,341,477	08/23/1994	Pitkin et al.	395	200	
	5,406,502	04/11/1995	Haramaty et al.	364	551.01	
	5,414,455	05/09/1995	Hooper et al.	348	7	
	5,442,389	08/15/1995	Blahut et al.	348	7	
PN	5,442,390	08/15/1995	Hooper et al.	348	7	
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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PN	99/14907	03/25/1999	PCT	H04L	12/56	<input type="checkbox"/> <input type="checkbox"/>
	99/14931	03/25/1999	PCT	H04M, H04L	7/00, 29/06	<input type="checkbox"/> <input type="checkbox"/>
	99/18751	04/15/1999	PCT	H04Q	11/04	<input type="checkbox"/> <input type="checkbox"/>
	99/30460	06/17/1999	PCT	H04L	12/00	<input type="checkbox"/> <input type="checkbox"/>
	99/39481	08/05/1999	PCT	H04L, G06F	12/66, 12/5 6, 13/00, 13/ 14	<input type="checkbox"/> <input type="checkbox"/>
PN	00/04458	01/27/2000	PCT	G06F	17/21, 3/00, 13/00, 17/3 0	<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER		DATE CONSIDERED 11/11/04				

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<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION</b></p> <p style="text-align: right;">O I P E DEC 10 2001 PTO-1449</p>		ATTY. DOCKET NO. 24717-707		SERIAL NO. 09/903,423 <b>RECEIVED</b>			
		APPLICANT Lloyd, M. et al.		DEC 11 2001			
		FILING DATE 07/10/01		GROUP 2100 243 Group 2100			
		<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
AN	5,442,749	08/15/1995	Northcutt et al.	395	200.09		
	5,452,294	09/19/1995	Natarajan	370	54		
	5,471,622	11/28/1995	Eadline	395	650		
	5,475,615	12/12/1995	Lin	364	514		
	5,477,536	12/19/1995	Picard	370	54		
	5,508,732	04/16/1996	Bottomley et al.	348	7		
	5,515,511	05/07/1996	Nguyen et al.	395	200.2		
	5,519,435	05/21/1996	Anderson	348	8		
	5,521,591	05/28/1996	Arora et al.	340	826		
	5,528,281	06/18/1996	Grady et al.	348	7		
	5,371,532	12/06/1994	Gelman et al.	348	7		
AN	5,410,343	04/25/1995	Coddington et al.	348	7		
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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AN	00/45560	08/03/2000	PCT	H047	29/00	<input type="checkbox"/>	<input type="checkbox"/>
	00/52906	09/08/2000	PCT	H04L	29/06	<input type="checkbox"/>	<input type="checkbox"/>
	00/62489	10/19/2000	PCT	H04L, H04Q	12/56,12/4 6,12/66,11/ 04	<input type="checkbox"/>	<input type="checkbox"/>
	00/72528	11/30/2000	PCT	H04L, G06F	12/56,9/44 5,12/24	<input type="checkbox"/>	<input type="checkbox"/>
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AN	00/79730	12/28/2000	PCT	H04L	12/00	<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER	DATE CONSIDERED <i>11/14/01</i>						

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<b>INFORMATION DISCLOSURE CITATION</b>  DEC 10 2001	ATTY. DOCKET NO.	SERIAL NO.	
	24717-707	09/903,423	RECEIVED
	APPLICANT Lloyd, M. et al.		DEC 11 2001
	FILING DATE 07/10/01	GROUP 2152- Group 2100	

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,629,930	05/13/1997	Beshai et al.	370	396	
	5,631,897	05/20/1997	Pacheco et al.	370	237	
	5,636,216	06/03/1997	Fox et al.	370	402	
	5,675,741	10/07/1997	Aggarwal et al.	395	200.12	
	5,754,547	05/19/1998	Nakazawa	370	401	
	5,805,594	09/08/1998	Kotchey et al.	370	401	
	5,835,710	11/10/1998	Nagami et al.	395	200.8	
	5,845,091	12/01/1998	Dunne et al.	395	200.7	
	6,108,703	08/22/2000	Leighton et al.	709	226	
	6,006,264	12/21/1999	Colby et al.	709	226	
	6,069,889	05/30/2000	Feldman et al.	370	351	
	6,173,324	01/09/2001	D'Souza	709	224	

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	01/06717	01/25/2001	PCT	H04L	12/56	<input type="checkbox"/>	<input type="checkbox"/>
	01/13585	02/22/2001	PCT	H04L	12/46	<input type="checkbox"/>	<input type="checkbox"/>
	99/14932	03/25/1999	PCT	H04M, H04L	7/00,12/66	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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<b>INFORMATION DISCLOSURE CITATION</b> <small>DEC 10 2001 PTO-1449</small>	ATTY. DOCKET NO.	SERIAL NO.				
	24717-707	09/903,423				
	APPLICANT Lloyd, M. et al.					
	FILING DATE 07/10/01	GROUP 2143				
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RA	5,142,570	08/25/1992	Chaudhary et al.	379	221	
	6,009,081	12/28/1999	Wheeler et al.	370	255	
	6,130,890	10/10/2000	Leinwand et al.	370	400	
	6,167,052	12/26/2000	McNeil et al.	370	399	
PN	6,185,598	02/06/2001	Farber et al.	709	200	
<b>FOREIGN PATENT DOCUMENTS</b>						
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
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